

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	27	viricator	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/03 12:47
S2	0	coaxial adj virtual and virtual adj cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/03 13:35
S3	48	coaxial and virtual adj cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/03 13:35
S4	308	virtual adj cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/03 13:38
S5	126	S4 and anode and cylindrical	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/03 13:38
S6	4	("4282458"   "4604551"   "5015914"   "5280216").PN. OR ("5399937"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/03 13:48
S7	1380	coaxial with cathode and coaxial with anode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/03 14:21
S8	178	S7 and microwave	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/03 14:27
S9	2	("4751429").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/03 14:29
S10	20	("3700952"   "3805111"   "4038602"   "4080549"   "4122372"   "4150340"   "4200820"   "4345220"   "4412150"   "4495442"   "4531076"   "4553068").PN. OR ("4751429"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/03 14:29
S11	654	(emp or hpm) and microwave	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/03 14:42

## EAST Search History (Prior Art)

S12	141	(emp or hpm) and (microwave with generat\$)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/03 14:42
S15	0	(12/019140).APP.	USPAT; USOCR	OR	ON	2009/11/03 15:23
S21	3	coaxial with vircator	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/04 07:19
S22	48	virtual adj cathode and coaxial	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/04 07:55
S23	2	("4745336").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/04 08:08
S24	462	(315/5).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/04 08:14
S25	15	S24 and virtual adj cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/04 08:15
S26	24	S24 and coaxial with cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/04 08:15
S27	13	("4143299"   "4150340"   "4159440"   "4253068"   "4345220"   "4459511"   "4494039"   "4523127"   "4553068").PN. OR ("4745336"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/04 08:17
S28	10	(US-20030052612-\$).did. or (US-4553068-\$ or US-4751429-\$ or US-6477932-\$ or US-4904873-\$ or US-5890076-\$ or US-5113154-\$ or US-4345220-\$).did. or (RU-2127925-\$ or WO-2008147289-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/11/04 08:47
S29	1	wo-03030204-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/04 08:49
S30	2	(US-20030052612-\$).did. or (US-4751429-\$).did.	US-PGPUB; USPAT	OR	ON	2009/11/04 08:53

## EAST Search History (Prior Art)

S31	16	cathode adj2 oscillator and virtual adj cathode	US-PGPUB; USPAT	OR	ON	2009/11/04 09:49
S32	0	cathode adj2 oscillator and coaxial adj cathode	US-PGPUB; USPAT	OR	ON	2009/11/04 09:52
S33	149	(315/39.67).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/04 09:53
S34	21	("2412824"   "2437240"   "2826719"   "2928987"   "3121822"   "3297901"   "3646388"   "3896332"   "3899714"   "3988636"   "5280218"   "5348934"   "5382867"   "5463271"   "6005347").PN. OR ("6388379"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/04 09:58
S35	572	(315/500).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/04 09:59
S36	18	S35 and coaxial and cathode and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/04 09:59
S37	102	((315/5.11) or (315/5.12)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/04 10:02
S38	293	((315/5.19) or (315/5.18)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/04 10:04
S39	3	S38 and (coaxial or cylindrical)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/04 10:04
S40	1	(US-4751429- $\phi$ ).did.	USPAT	OR	ON	2009/11/04 10:07

## EAST Search History (Interference)

		<This search history is empty>			
--	--	--------------------------------	--	--	--